

Title (en)

PRODUCTION METHOD FOR A PHOTOTHERMOGRAPHIC MATERIAL AND A RECORDING PROCESS

Title (de)

HERSTELLUNGSVERFAHREN FÜR EIN PHOTOTHERMOGRAPHISCHES MATERIAL UND AUFZEICHNUNGSVERFAHREN DAFÜR

Title (fr)

PROCEDE DE PRODUCTION D'UN MATERIAU PHOTOTHERMOGRAPHIQUE ET PROCEDE D'ENREGISTREMENT CORRESPONDANT

Publication

EP 0904564 B1 20040915 (EN)

Application

EP 96922809 A 19960613

Priority

EP 9602579 W 19960613

Abstract (en)

[origin: WO9748014A1] A production method for a photothermographic recording material comprising the steps of: (i) providing a support; (ii) coating the support with a photo-addressable thermally developable element comprising a substantially light-insensitive organic silver salt, photosensitive silver halide in catalytic association with the substantially light-insensitive organic silver salt, a reducing agent in thermal working relationship with the substantially light-insensitive organic silver salt and a binder, characterized in that the photosensitive silver halide is formed by reacting an aqueous emulsion of particles of the substantially light-insensitive organic silver salt with at least one onium salt with halide or polyhalide anion(s) and that the photo-addressable thermally developable element is coated from an aqueous dispersion medium; and a recording process therefor.

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G03C 1/498

IPC 8 full level

G03C 1/498 (2006.01); **G03C 1/74** (2006.01)

CPC (source: EP US)

G03C 1/49818 (2013.01 - EP US); **G03C 1/067** (2013.01 - EP US); **G03C 2200/43** (2013.01 - EP US)

Citation (examination)

- HARTMANN C. ET AL: "Ueber die Jodonium Basen", CHEM.BER., vol. 27, 1894, pages 502 - 509
- TSAREVSKI N.V. ET AL: "The Onium Compounds", J. CHEM. EDUCATION, vol. 74, 1997, pages 734 - 736

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